

Message Text

SECRET

PAGE 01 GENEVA 12574 01 OF 02 171904Z
ACTION SS-25

INFO OCT-01 ISO-00 SSO-00 NSCE-00 DODE-00 CIAE-00
INRE-00 ACDE-00 DOEE-00 /026 W
-----130211 171921Z /42
O 171851Z AUG 78
FM USMISSION GENEVA
TO SECSTATE WASHDC IMMEDIATE 3264
INFO AMEMBASSY LONDON PRIORITY
AMEMBASSY MOSCOW PRIORITY

S E C R E T SECTION 01 OF 02 GENEVA 12574

EXDIS USCTB

PASS TO DOE

E.O.11652:XGDS-3
TAGS: PARM US UK UR
SUBJECT: CTB NEGOTIATIONS: US ILLUSTRATIVE TEXT ON
NATIONAL SEISMIC STATIONS (NSS)

CTB MESSAGE NO.301

1. FOLLOWING ARE REVISED PARAGRAPHS OF MAY 8 US
ILLUSTRATIVE TEXT OF ARTICLE I OF THE TECHNICAL ANNEX
TO THE SEPARATE VERIFICATION AGREEMENT (CTB 197), WHICH
WERE PROVIDED TO THE OTHER DELEGATIONS IN THE AUGUST 16
MEETING OF THE NATIONAL SEISMIC STATIONS (NSS) WORKING
GROUP. PARAGRAPH I WAS REVISED FOR CONSISTENCY WITH
REVISED US POSITIONS ON NSS AS PRESENTED IN JUNE 27, 1978
PLENARY (CTB 252) AND WITH OUR CONCEPT OF TWO PHASES AT
EACH NSS. PARAGRAPH 2.A(1)(G) WAS REVISED IN RESPONSE
TO A SOVIET REQUEST FOR A CLEARER DESCRIPTION OF THE
AUTHENTICATION PROCESS IN THE TECHNICAL ANNEX.

2. BEGIN TEXT: REVISIONS OF ILLUSTRATIVE TEXT OF TECH-
SECRET

SECRET

PAGE 02 GENEVA 12574 01 OF 02 171904Z

NICAL ANNEX OF SEPARATE VERIFICATION AGREEMENT

1. EACH PARTICIPANT SHALL DESIGNATE NATIONAL SEISMIC
STATIONS IN ITS TERRITORY TO TAKE PART IN THE EXCHANGE
OF ADDITIONAL SEISMIC DATA IN ACCORDANCE WITH ARTICLE I
OF THIS AGREEMENT AND THIS ARTICLE. ONE NATIONAL SEISMIC
STATION SHALL BE DESIGNATED IN EACH OF THE AREAS WHICH

ARE DEFINED BY THE FOLLOWING GEOGRAPHIC COORDINATES OF
THEIR CENTER POINTS AND A RADIUS OF ABOUT 100 KILOMETERS:

(A) UNITED STATES OF AMERICA

.....
.....
.....

(B) UNION OF SOVIET SOCIALIST REPUBLICS

.....
.....
.....

IN THOSE AREAS SPECIFIED ABOVE WHERE ONE OR MORE
SEISMIC STATIONS ARE IN OPERATION ON THE DATE OF ENTRY
INTO FORCE OF THIS AGREEMENT, THE PARTICIPANT ON WHOSE
TERRITORY THE STATION OR STATIONS ARE LOCATED, SHALL
DESIGNATE, PRIOR TO THE BEGINNING OF THE EXCHANGE OF ADDI-
TIONAL SEISMIC DATA, A NATIONAL SEISMIC STATION IN EACH
SUCH AREA FOR PARTICIPATION IN THE DATA EXCHANGE. AT THE
SAME TIME, THE PARTICIPANTS SHALL COMMUNICATE THE GEO-
GRAPHIC COORDINATES OF EACH SUCH DESIGNATED STATION AND
INFORMATION ON THE SEISMIC NOISE AT THESE STATIONS AS
SECRET

SECRET

PAGE 03 GENEVA 12574 01 OF 02 171904Z

AGREED IN THE JOINT CONSULTATIVE COMMISSION. UNLESS THE
PARTICIPANTS AGREE OTHERWISE, THE IMPROVED EQUIPMENT SHALL
BE INSTALLED AND OPERATED AT EACH OF THESE STATIONS AS IT
BECOMES AVAILABLE. WHEN THE IMPROVED EQUIPMENT COMES
INTO OPERATION AT EACH STATION, THAT STATION SHALL PASS
FROM PHASE ONE TO PHASE TWO OF THE EXCHANGE OF ADDITIONAL
SEISMIC DATA. UNLESS THE PARTICIPANTS AGREE OTHERWISE,
ALL THESE STATIONS SHALL BE OPERATIONAL WITH IMPROVED
EQUIPMENT NOT LATER THAN 24 MONTHS AFTER THIS AGREEMENT
ENTERS INTO FORCE.

IN THOSE AREAS SPECIFIED ABOVE WHERE NO SEISMIC STATIONS
ARE IN OPERATION ON THE DATE OF ENTRY INTO FORCE OF THIS
AGREEMENT, A SITE FOR A NATIONAL SEISMIC STATION SHALL BE
SELECTED IN EACH SUCH AREA IN ACCORDANCE WITH THE PRO-
CEDURES SET FORTH IN PARAGRAPH 3 OF THIS ARTICLE.
NATIONAL SEISMIC STATIONS, INCORPORATING THE IMPROVED
EQUIPMENT, SHALL BE ESTABLISHED AT THESE SITES. ON
COMING INTO OPERATION THEY SHALL PARTICIPATE IN THE SECOND
PHASE OF THE EXCHANGE OF ADDITIONAL SEISMIC DATA. UNLESS
THE PARTICIPANTS AGREE OTHERWISE, ALL STATIONS SHALL BE
OPERATIONAL NOT LATER THAN 24 MONTHS AFTER THIS AGREEMENT

ENTERS INTO FORCE.

TWO OF THE NATIONAL SEISMIC STATIONS, AS DESIGNATED
ABOVE, SHALL BE CONVERTED INTO ARRAY STATIONS DURING THE
LIFE OF THIS AGREEMENT.

(TECHNICAL ANNEX, ARTICLE I, PARAGRAPH 2.A(1)(G))

SECRET

NNN

SECRET

PAGE 01 GENEVA 12574 02 OF 02 171904Z
ACTION SS-25

INFO OCT-01 ISO-00 SSO-00 NSCE-00 DODE-00 CIAE-00

INRE-00 ACDE-00 DOEE-00 /026 W

-----130239 171922Z /42

O 171851Z AUG 78

FM USMISSION GENEVA

TO SECSTATE WASHDC IMMEDIATE 3265

INFO AMEMBASSY LONDON PRIORITY

AMEMBASSY MOSCOW PRIORITY

S E C R E T SECTION 02 OF 02 GENEVA 12574

EXDIS USCTB

PASS TO DOE

CTB MESSAGE NO. 301

THE METHOD OF AUTHENTICATION SHALL INVOLVE INSTALLING
EQUIPMENT WHICH COMBINES KEY WORDS WITH THE SEISMIC INPUT
DATA BEING RECORDED TO GENERATE AUTHENTICATION WORDS THAT
ARE PERIODICALLY INSERTED INTO THE DATA STREAM BEING
TRANSMITTED FROM THE DOWNHOLE UNIT TO THE SURFACE UNIT.

THE KEY WORDS WILL BE PRODUCED IN A READ-ONLY-MEMORY
MODULE THAT HAS BEEN PROGRAMMED BY THE PARTICIPANT OTHER
THAN THE PARTICIPANT OPERATING THE STATION. THE SEISMIC
DATA SHALL BE UNENCRYPTED AND READILY INTERPRETABLE BY
THE PARTICIPANTS. SECURITY OF THE AUTHENTICATION EQUIP-
MENT SHALL BE ASSURED BY LOCATING IT WITH THE SEISMOMETERS
AND BY PROVIDING THAT OPENING THE BOREHOLE WILL AUTO-
MATICALLY ERASE THE READ-ONLY-MEMORY UNIT. END TEXT.

JOHNSON

SECRET

NNN

Message Attributes

Automatic Decaptioning: Z
Capture Date: 01 jan 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: SEISMOLOGY, NEGOTIATIONS
Control Number: n/a
Copy: SINGLE
Draft Date: 17 aug 1978
Decaption Date: 20 Mar 2014
Decaption Note: 25 YEAR REVIEW
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 20 Mar 2014
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1978GENEVA12574
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: X3
Errors: N/A
Expiration:
Film Number: D780336-1055
Format: TEL
From: GENEVA
Handling Restrictions:
Image Path:
ISecure: 1
Legacy Key: link1978/newtext/t19780855/aaaabtoo.tel
Line Count: 165
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: c5b2fc61-c288-dd11-92da-001cc4696bcc
Office: ACTION SS
Original Classification: SECRET
Original Handling Restrictions: EXDIS
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 4
Previous Channel Indicators: n/a
Previous Classification: SECRET
Previous Handling Restrictions: EXDIS
Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 30 jun 2005
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 1713442
Secure: OPEN
Status: NATIVE
Subject: CTB NEGOTIATIONS: US ILLUSTRATIVE TEXT ON NATIONAL SEISMIC STATIONS (NSS) CTB MESSAGE NO.301
TAGS: PARM, US, UK, UR
To: STATE
Type: TE
vdkgvwkey: odhc://SAS/SAS.dbo.SAS_Docs/c5b2fc61-c288-dd11-92da-001cc4696bcc
Review Markings:
Sheryl P. Walter
Declassified/Released
US Department of State
EO Systematic Review
20 Mar 2014
Markings: Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014